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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Group Art Unit: 2862
 Watkins, et al. : Examiner: D. Vargas
 Serial No. 09/839,940 :
 Filed: April 20, 2001 : Response to Paper No.: 5
 For: RF COIL FOR VERY HIGH FIELD MAGNETIC RESONANCE IMAGING

AMENDMENT

Honorable Assistant Commissioner of Patents and Trademarks,
 Washington, DC 20231

SIR:

In response to the Office Action dated December 4, 2002, please amend the above-identified application as follows.

IN THE CLAIMS

Please replace the following claims with the rewritten claims provided (a marked up copy of the rewritten claims is provided in the ATTACHMENT):

1. (Twice Amended) A radio frequency (RF) coil assembly for a very high field Magnetic Resonance Imaging (MRI) system comprising:

a plurality of conductors arranged cylindrically and disposed about a patient bore tube of the MRI system, said conductors of a selected length and having a width selected for said RF coil assembly to resonate at substantially high frequencies and to minimize conductor inductance; and,

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